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ABSTRACT

In a separator for use in storage battery of the invention comprising a paper sheet formed by wet process and mainly composed of glass fibers, since the fiber distribution is uniform in the longitudinal and the cross directions of the separator, and the fiber orientation is at random in the longitudinal and the cross directions of the separator, so that the gas recombination reaction is made uniform in the longitudinal and the cross directions as well as the moveability of an electrolyte during charge and discharge is also made uniform, and it can provide higher performance and stabilization of the battery performance, particularly, when it is applied to a valve regulated lead-acid battery.